

BEST AVAILABLE COPY

| CLAIMS ONLY  |          |      |                        |      |                        |      | SERIAL NO.   | FILING DATE |      |      |      |  |
|--------------|----------|------|------------------------|------|------------------------|------|--------------|-------------|------|------|------|--|
|              |          |      |                        |      |                        |      | APPLICANT(S) |             |      |      |      |  |
| CLAIMS       |          |      |                        |      |                        |      |              |             |      |      |      |  |
|              | AS FILED |      | AFTER<br>1st AMENDMENT |      | AFTER<br>2nd AMENDMENT |      |              | *           | *    | *    |      |  |
|              | IND.     | DEP. | IND.                   | DEP. | IND.                   | DEP. |              | IND.        | DEP. | IND. | DEP. |  |
| 1            | /        |      |                        |      |                        |      | 51           |             |      |      |      |  |
| 2            |          | ✓    |                        |      |                        |      | 52           |             |      |      |      |  |
| 3            |          | ✓    |                        |      |                        |      | 53           |             |      |      |      |  |
| 4            |          | ✓    |                        |      |                        |      | 54           |             |      |      |      |  |
| 5            |          | ✓    |                        |      |                        |      | 55           |             |      |      |      |  |
| 6            |          | ✓    |                        |      |                        |      | 56           |             |      |      |      |  |
| 7            |          | ✓    |                        |      |                        |      | 57           |             |      |      |      |  |
| 8            |          | ✓    |                        |      |                        |      | 58           |             |      |      |      |  |
| 9            |          | ✓    |                        |      |                        |      | 59           |             |      |      |      |  |
| 10           | ✓        |      |                        |      |                        |      | 60           |             |      |      |      |  |
| 11           |          | ✓    |                        |      |                        |      | 61           |             |      |      |      |  |
| 12           |          | ✓    |                        |      |                        |      | 62           |             |      |      |      |  |
| 13           |          | ✓    |                        |      |                        |      | 63           |             |      |      |      |  |
| 14           |          | ✓    |                        |      |                        |      | 64           |             |      |      |      |  |
| 15           |          | ✓    |                        |      |                        |      | 65           |             |      |      |      |  |
| 16           | ✓        |      |                        |      |                        |      | 66           |             |      |      |      |  |
| 17           |          | ✓    |                        |      |                        |      | 67           |             |      |      |      |  |
| 18           |          | ✓    |                        |      |                        |      | 68           |             |      |      |      |  |
| 19           |          | ✓    |                        |      |                        |      | 69           |             |      |      |      |  |
| 20           |          | ✓    |                        |      |                        |      | 70           |             |      |      |      |  |
| 21           |          | ✓    |                        |      |                        |      | 71           |             |      |      |      |  |
| 22           | ✓        |      |                        |      |                        |      | 72           |             |      |      |      |  |
| 23           | ✓        |      |                        |      |                        |      | 73           |             |      |      |      |  |
| 24           |          |      |                        |      |                        |      | 74           |             |      |      |      |  |
| 25           |          |      |                        |      |                        |      | 75           |             |      |      |      |  |
| 26           |          |      |                        |      |                        |      | 76           |             |      |      |      |  |
| 27           |          |      |                        |      |                        |      | 77           |             |      |      |      |  |
| 28           |          |      |                        |      |                        |      | 78           |             |      |      |      |  |
| 29           |          |      |                        |      |                        |      | 79           |             |      |      |      |  |
| 30           |          |      |                        |      |                        |      | 80           |             |      |      |      |  |
| 31           |          |      |                        |      |                        |      | 81           |             |      |      |      |  |
| 32           |          |      |                        |      |                        |      | 82           |             |      |      |      |  |
| 33           |          |      |                        |      |                        |      | 83           |             |      |      |      |  |
| 34           |          |      |                        |      |                        |      | 84           |             |      |      |      |  |
| 35           |          |      |                        |      |                        |      | 85           |             |      |      |      |  |
| 36           |          |      |                        |      |                        |      | 86           |             |      |      |      |  |
| 37           |          |      |                        |      |                        |      | 87           |             |      |      |      |  |
| 38           |          |      |                        |      |                        |      | 88           |             |      |      |      |  |
| 39           |          |      |                        |      |                        |      | 89           |             |      |      |      |  |
| 40           |          |      |                        |      |                        |      | 90           |             |      |      |      |  |
| 41           |          |      |                        |      |                        |      | 91           |             |      |      |      |  |
| 42           |          |      |                        |      |                        |      | 92           |             |      |      |      |  |
| 43           |          |      |                        |      |                        |      | 93           |             |      |      |      |  |
| 44           |          |      |                        |      |                        |      | 94           |             |      |      |      |  |
| 45           |          |      |                        |      |                        |      | 95           |             |      |      |      |  |
| 46           |          |      |                        |      |                        |      | 96           |             |      |      |      |  |
| 47           |          |      |                        |      |                        |      | 97           |             |      |      |      |  |
| 48           |          |      |                        |      |                        |      | 98           |             |      |      |      |  |
| 49           |          |      |                        |      |                        |      | 99           |             |      |      |      |  |
| 50           |          |      |                        |      |                        |      | 100          |             |      |      |      |  |
| TOTAL IND.   | ✓        | ↓    |                        | ↓    |                        | ↓    | TOTAL IND.   | ↓           | ↓    | ↓    | ↓    |  |
| TOTAL DEP.   | 17       | ↓    |                        | ↓    |                        | ↓    | TOTAL DEP.   | ↓           | ↓    | ↓    | ↓    |  |
| TOTAL CLAIMS | 23       |      |                        |      |                        |      | TOTAL CLAIMS |             |      |      |      |  |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

FORM PTO-2022 (1-98)

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

\*U.S. Government Printing Office: 1998 - 433-214/70303